

1 VI. WHAT IS CLAIMED IS:

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- 3 1. A computer programmed to execute a process for lubricants supply
- 4 chain management, said process comprising:
- 5
- 6 (a) upon receiving a request from a web-browser client, querying a
- 7 database comprising a catalog of lubricants and prices and
- 8 availability for same and serving said results of said query to said
- 9 requesting web-browser client for display;
- 10 (b) serving an order form to said web-browser client which is
- 11 configured to contain fields for order quantity and type for
- 12 lubricants, delivery type preferences and delivery address entered
- 13 in said web-browser client, and determining and displaying on said
- 14 web-browser client a delivery price quote;
- 15 (c) receiving an order from said web-browser client for a specific type
- 16 and quantity of lubricants and having a specific delivery type
- 17 selected;
- 18 (d) electronically transmitting over a network said order to a fulfillment
- 19 agent selected from the group consisting of a Lubricant Blender or
- 20 an Order Fulfillment Agent, and mixtures thereof;
- 21 (e) electronically transmitting over a network said order and said
- 22 delivery information to a Freight-Handling Agent;
- 23 (f) wherein said Freight-Handling Agent inputs said information into a
- 24 delivery optimization system which outputs a delivery schedule
- 25 which includes said order, and electronically transmits over a
- 26 network said order and said delivery information to at least one
- 27 Trucking Company; and
- 28 (g) maintaining the status and all actions and communications for said
- 29 order in a web-accessible database.
- 30
- 31 2. The computer of claim 1, wherein said fulfillment agent is an Order
- 32 Fulfillment Agent and said Order Fulfillment Agent electronically
- 33 transmits over a network said order to at least one Lubricant Blender.

- 1 3. The computer of claim 1, which further comprising serving a product
2 search page to said web browser client, wherein said search page
3 comprising fields supporting alternate search methods selected from the
4 group consisting of product name, product application, cross-
5 applications, and mixtures thereof.
6
- 7 4. The computer of claim 1, which further comprises receiving an order
8 from said web-browser client for a specific type of service selected from
9 the group of empty drum pick-up, lubricant analysis, used lubricant pick-
10 up, and mixtures thereof, and electronically transmitting over a network
11 said order to an service order fulfillment agent.
12
- 13 5. The computer of claim 1, wherein the prices decrease based on
14 cumulative purchase volume over a pre-determined time period.
15
- 16 6. A computer readable medium having computer readable program
17 means embodied thereon for lubricants supply chain management, said
18 computer readable program means comprising:
19
- 20 (a) computer readable program code means for receiving a request
21 from a web-browser client, querying a database comprising a
22 catalog of lubricants and prices and availability for same and
23 serving said results of said query to said requesting web-browser
24 client for display;
25
- 26 (b) computer readable program code means for serving an order form
27 to said web-browser client which is configured to contain fields for
28 order quantity and type for lubricants, delivery type preferences
29 and delivery address entered in said web-browser client, and
30 determining and displaying on said web-browser client a delivery
31 price quote;
32
- 33 (c) computer readable program code means for receiving an order
from said web-browser client for a specific type and quantity of
lubricants and having a specific delivery type selected;

- 1 (d) computer readable program code means for electronically
2 transmitting over a network said order to a fulfillment agent
3 selected from the group consisting of a Lubricants Blender or an
4 Order Fulfillment Agent, and mixtures thereof;
- 5 (e) computer readable program code means for electronically
6 transmitting over a network said order and said delivery information
7 to a Freight-Handling Agent;
- 8 (f) computer readable program code means for maintaining the status
9 and all actions and communications for said order in a database.
10
- 11 7. The computer readable medium of claim 6 wherein in said computer
12 readable program code means (d) said fulfillment agent order is an order
13 fulfillment agent and said order fulfillment agent electronically transmits
14 over a network said order and blending specifications to at least one
15 lubricant blender.
16
- 17 8. The computer readable medium of claim 6, further comprising computer
18 readable program code means for serving a product search page to said
19 web browser client, wherein said search page comprising fields
20 supporting alternate search methods selected from the group consisting
21 of product name, product application, cross-applications, and mixtures
22 thereof.
23
- 24 9. The computer readable medium of claim 6 further comprising computer
25 readable program code means for receiving an order from said web-
26 browser client for a specific type of service selected from the group of
27 empty drum pick-up, lubricant analysis, used lubricant pick-up, and
28 mixtures thereof, and electronically transmitting over a network said
29 order to an service order fulfillment agent.
30
- 31 10. The computer readable medium of claim 6, wherein in computer
32 readable program code means (a) the prices decrease based on
33 cumulative purchase volume over a pre-determined time period.

- 1 11. A method for lubricants supply chain management comprising:
2
3 (a) storing in a web-accessible database a catalog of lubricants and
4 prices-per-unit and availability for same which prices-per-unit
5 decrease based on certain pre-determined criteria;
6 (b) upon receiving at a web server a request from a web-browser
7 client, querying said database and serving said results of said
8 query to said requesting web-browser client for display;
9 (c) serving an order form to said web-browser client which is
10 configured to contain fields for order quantity and type for
11 lubricants, delivery type preferences and delivery address entered
12 in said web-browser client, and determining and displaying on said
13 web-browser client a delivery price quote;
14 (d) receiving an order from said web-browser client for a specific type
15 and quantity of lubricants and having a specific delivery type
16 selected;
17 (e) electronically transmitting over a network said order to an order
18 fulfillment agent;
19 (f) wherein said order fulfillment agent electronically transmits over a
20 network said order and blending specifications to at least one
21 lubricant blender;
22 (g) electronically transmitting over a network said order and said
23 delivery information to a freight-handling agent;
24 (h) wherein said freight-handling agent inputs said information into a
25 delivery optimization system which outputs a delivery schedule
26 which includes said order, and electronically transmits over a
27 network said order and said delivery information to at least one
28 trucking company; and
29 (i) maintaining the status and all actions and communications for said
30 order in a second web-accessible database.
31
32 12. The method of claim 11 further comprising receiving an order from said
33 web-browser client for a specific type of service selected from the group
34 of empty drum pick-up, lubricant analysis, used lubricant pick-up, and

- 1 mixtures thereof, and electronically transmitting over a network said
2 order to an service order fulfillment agent.
3
4 13. The method of claim 11, wherein the pre-determined criteria at which
5 prices-per-unit decreases is cumulative purchase volume over a pre-
6 determined time period.